

HOYEND ADMONDED

10 11 12		set 10 AC Ctrl	Hset 10 ADC Stat	
10		PCM PCM PCM PCM Line2 Hset Centr LSur RSur LFE DAC DAC	ine2 ADC	
6		PCM LFE	Rsvd Rsvd Rsvd L	
8		PCM RSur	Rsvd	
7		PCM LSur	Rsvd	
9		PCM Centr	Mic	
5		Line1 DAC	Line1 ADC	
4		Cmd Cmd PCM PCM Line1 Addr Data Left Right DAC	Stat PCM PCM Line1 Data Left Right ADC	
5		PCM	PCM	
2		Cmd Data		
-			Stat	٦
0	ŀ	Tag	Tog	
Slot #	Sync	Sdata_Out (to slave)	Sdata_In (from slave)	Slotrea[12-3]-
	FIG. 4	(PRIOR ART)		

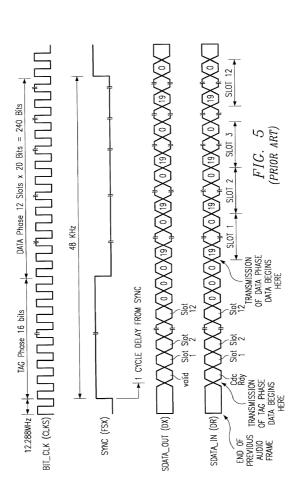


FIG. 6 CONTROL REGISTER 5 4 3 2 1 15 14 13 12 11 10 9 8 7 6 TASK TDATA RSVD W W, +0 W

Bit	Name	Function		
15-10	RSVD	Reserved (write zeros)		
9-8	TASK	Multi-Word Task Flog TASK = 00 INITIATE_COMMAND TASK = 01 PROCESS_COMMAND TASK = 10 PREPARE_STATUS TASK = 11 reserved		
7-0	TDATA	Multi-Word Task Data  If TASK = 00 TDATA = word count of new multi-word command  If TASK = 01 TDATA is unused and can be any value  If TASK = 10 TDATA = type of status requested  If TASK = 11 TDATA is unused and can be any value		

FIG. 7 STATUS REGISTER

R, +0

5 4 3 2 1 13 12 11 10 9 8 0 15 14 7 STATSIZE WSTAT RSTAT R

R, +0

Bit	Name	Function	
15-12	WSTAT	Multi-Word Write Status WSTAT = 0000 READY_TO_RECEIVE WSTAT = 0001 RECEIPT_IN_PROGRESS WSTAT = 0010 RECEIVE_ERROR WSTAT = 0011 PROCESSING_COMMAND All other values are reserved	
11-8	RSTAT	Multi-Word Read Status RSTAT = 0000 STATUS_READ_COMPLETE RSTAT = 0001 PREPARING_STATUS RSTAT = 0010 STATUS_REQUEST_ERROR RSTAT = 0011 STATUS_READY RSTAT = 0100 STATUS_READ_ERROR All other values are reserved	
7-0	STATSIZE	Status size (word count) Contains count of words in prepared multi-word status. Only valid when RSTAT = STATUS_READY	